

What is claimed is:

1. A bone-conduction speaker device comprised of: a transmitter for being inputted with sound signal, converting the sound signal into output of infrared signal and then transmitting the infrared signal; a receiver for receiving the infrared signal and demodulating it into the sound signal; a bone-conduction speaker for receiving and amplifying the sound signal and outputting it as sound vibration; and an elastic cushioning body shaped as a pad and holding on its surface the bone-conduction speaker, thereby forming a pad embedded with the bone-conduction speaker; said receiver being provided with a plurality of photo-acceptors that are arranged on fringe of the elastic cushioning body and spaced apart from each other.

2. A bone-conduction speaker device according to claim 1, wherein said photo-acceptors jut out from outline of the pad embedded with the bone-conduction speaker and is able to receive the infrared signal from sideward and upward.

3. A bone-conduction speaker device according to claim 1, wherein light emitting part of the transmitter is able to emit the infrared signal to sideward and upward.

4. A bone-conduction speaker device according to claim 1, wherein the pad embedded with the bone-conduction speaker is provided with a connector terminal for inputting the sound signal through a wire line.

5. A bone-conduction speaker device according to claim 1, wherein the elastic cushioning body shaped in a pad is formed of a non-woven fabric that is formed by fusion-wise bonding of resin fibers.

5 6. A bone-conduction speaker device according to claim 5, wherein the elastic cushioning body is provided with a slit enclosing nearby of the bone-conduction speaker(s); and a part of the elastic cushioning body at inside of the slit along with the bone-conduction speaker(s) thereon is depressed as to cave
10 in from other part of the elastic cushioning body when head of a user is laid thereon.

 7. A bone-conduction speaker device according to claim 1, wherein the elastic cushioning body is severed to a plurality of cushioning bodies overlaid with each other; the
15 bone-conduction speaker(s) is embedded in throughhole(s) of the uppermost one of the cushioning bodies; and lead wire(s) connected to the bone-conduction speaker(s) is sandwiched between upper and lower ones of the cushioning bodies.